

Wisconsin Projections 2004-2014

30 Occupations with the Most Average Annual Openings

SOC Code	Occupational Title	Average Annual Openings ⁽¹⁾	Typical Education and Training Path ⁽²⁾	2005 Average Annual Salary ⁽³⁾
41-2031	Retail Salespersons	4,090	Short-term on-the-job training	\$23,330
41-2011	Cashiers	3,180	Short-term on-the-job training	\$16,638
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	3,140	Short-term on-the-job training	\$15,583
35-3031	Waiters and Waitresses	3,080	Short-term on-the-job training	\$15,775
29-1111	Registered Nurses	2,610	Associate or Bachelor's degree ⁽⁴⁾	\$55,060
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2,030	Short-term on-the-job training	\$21,871
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,030	Short-term on-the-job training	\$23,693
51-2092	Team Assemblers	1,590	Moderate-term on-the-job training	\$26,555
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,570	Moderate-term on-the-job training	\$36,797
43-4051	Customer Service Representatives	1,560	Moderate-term on-the-job training	\$30,262
43-9061	Office Clerks, General	1,380	Short-term on-the-job training	\$23,663
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	1,320	Moderate-term on-the-job training	\$57,978
43-5081	Stock Clerks and Order Fillers	1,200	Short-term on-the-job training	\$21,386
31-1012	Nursing Aides, Orderlies, and Attendants	1,180	Postsecondary vocational training	\$23,624
35-3011	Bartenders	1,180	Short-term on-the-job training	\$17,552
39-9021	Personal and Home Care Aides	1,160	Short-term on-the-job training	\$19,200
47-2031	Carpenters	1,150	Long-term on-the-job training	\$38,602
25-2021	Elementary School Teachers, Except Special Education	1,100	Bachelor's degree	\$45,031
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,100	Moderate-term on-the-job training	\$29,174
43-4171	Receptionists and Information Clerks	1,090	Short-term on-the-job training	\$23,141
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,020	Bachelor's degree	\$45,459
43-6011	Executive Secretaries and Administrative Assistants	980	Moderate-term on-the-job training	\$34,427
39-9011	Child Care Workers	950	Short-term on-the-job training	\$18,585
11-1021	General and Operations Managers	940	Bachelor's or higher degree + work experience	\$95,592
25-9041	Teacher Assistants	940	Associate degree	\$23,638
37-2012	Maids and Housekeeping Cleaners	900	Short-term on-the-job training	\$17,781
31-1011	Home Health Aides	890	Short-term on-the-job training	\$20,162
43-6014	Secretaries, Except Legal, Medical, and Executive	860	Moderate-term on-the-job training	\$27,426
13-2011	Accountants and Auditors	840	Bachelor's degree	\$57,547
35-2021	Food Preparation Workers	840	Short-term on-the-job training	\$18,058

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30 Occupations with the Most Average Annual Job Openings

Notes:

(1) **Average Annual Openings** are the sum of new jobs and replacements on an average annual basis. Openings are an indication of how many new people are needed to enter a given occupation. Replacements are an estimate of the number of job openings expected because people have permanently left a given occupation. Permanent exits occur if someone dies, retires, or otherwise leaves the labor force. Permanent exits also include openings resulting from someone permanently changing occupations. For example, a person leaves their job as a cashier and becomes a truck driver. Openings resulting from people changing employers, but staying in the same occupation are not included.

(2) **Typical Education and Training Path** gives a general indication of the education or training typically needed in a given occupation.

There may be other pathways into the occupation, as well as additional educational, training, or licensing requirements.

Short-Term On-the-Job Training: These occupations require no more than one month of on-the-job training and the training usually happens at the workplace.

Moderate-Term On-the-Job Training: Training for these occupations usually occurs at the workplace and lasts from one to twelve months.

Long-Term On-the-Job Training: These occupations require more than one year of on-the-job training, or combined work experience and classroom instruction.

Postsecondary Vocational Training: These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.

Associate Degree: This degree requires two years of full-time academic work beyond high school.

Bachelor's Degree: This degree requires four or five years of full-time academic work at a college or university.

(3) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.

(4) Depending upon the specific position and employer either an Associate or Bachelor's degree are most common.

Projections information is derived using the November 2004 OES Survey, 2004 QCEW and 2004 CES (3/2005 Benchmark) data.

Unpublished data from the US Bureau of Labor Statistics and US Census Bureau was also used.

Wage information derived from the May 2005 OES Survey.

To the extent possible, the projections take into account anticipated changes in Wisconsin's economy from 2004 to 2014.

It is important to note unanticipated events may affect the accuracy of these projections.

Source: Office of Economic Advisors, Wisconsin Department of Workforce Development, July 2006

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(608) 264-7841

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Wisconsin Projections 2004-2014
30 Fastest Growing Occupations (With at least 500 Jobs)

SOC Code	Occupational Title	Estimated Employment ⁽¹⁾				Typical Education and Training Path ⁽²⁾	2005 Average Annual Salary ⁽³⁾
		2004	2014	New Jobs	% Change		
29-1071	Physician Assistants	1,310	1,990	680	51.9%	Bachelor's degree	NA
31-1011	Home Health Aides	13,730	20,790	7,060	51.4%	Short-term on-the-job training	\$20,162
15-1081	Network Systems and Data Communications Analysts	4,220	6,240	2,020	47.9%	Bachelor's degree	\$56,789
31-9092	Medical Assistants	5,890	8,640	2,750	46.7%	Moderate-term on-the-job training	\$27,441
15-1031	Computer Software Engineers, Applications	7,960	11,610	3,650	45.9%	Bachelor's degree	\$70,386
15-1032	Computer Software Engineers, Systems Software	2,740	3,890	1,150	42.0%	Bachelor's degree	\$76,324
39-9021	Personal and Home Care Aides	21,260	29,460	8,200	38.6%	Short-term on-the-job training	\$19,200
29-2021	Dental Hygienists	4,390	6,050	1,660	37.8%	Associate degree	\$54,203
31-9091	Dental Assistants	5,050	6,950	1,900	37.6%	Moderate-term on-the-job training	\$28,602
29-2032	Diagnostic Medical Sonographers	840	1,140	300	35.7%	Associate degree	\$66,410
15-1071	Network and Computer Systems Administrators	5,300	7,190	1,890	35.7%	Bachelor's degree	\$56,246
29-2055	Surgical Technologists	2,120	2,860	740	34.9%	Postsecondary vocational training	\$40,055
15-1061	Database Administrators	1,550	2,090	540	34.8%	Bachelor's degree	\$61,299
29-2071	Medical Records and Health Information Technicians	3,540	4,770	1,230	34.7%	Associate degree	\$28,976
29-1126	Respiratory Therapists	1,460	1,960	500	34.2%	Associate degree	\$47,309
29-1111	Registered Nurses	48,410	64,420	16,010	33.1%	Associate or Bachelor's degree ⁽⁴⁾	\$55,060
31-2021	Physical Therapist Assistants	1,220	1,620	400	32.8%	Associate degree	\$38,342
29-2034	Radiologic Technologists and Technicians	4,130	5,440	1,310	31.7%	Associate degree	\$46,916
29-1124	Radiation Therapists	390	510	120	30.8%	Associate degree	\$65,931
45-2021	Animal Breeders	490	640	150	30.6%	Associate degree	\$37,339
29-9091	Athletic Trainers	460	600	140	30.4%	Bachelor's degree	\$40,162
31-2022	Physical Therapist Aides	690	900	210	30.4%	Short-term on-the-job training	\$23,632
13-1071	Employment, Recruitment, and Placement Specialists	3,520	4,590	1,070	30.4%	Bachelor's degree	\$46,133
29-2031	Cardiovascular Technologists and Technicians	660	860	200	30.3%	Associate degree	\$42,569
19-1042	Medical Scientists, Except Epidemiologists	1,700	2,210	510	30.0%	Doctoral degree	\$51,920
29-1123	Physical Therapists	3,550	4,610	1,060	29.9%	Master's degree	\$62,582
29-1122	Occupational Therapists	3,040	3,940	900	29.6%	Master's degree	\$52,248
13-2052	Personal Financial Advisors	3,350	4,340	990	29.6%	Bachelor's degree	\$77,792
25-2011	Preschool Teachers, Except Special Education	8,540	11,060	2,520	29.5%	Bachelor's degree	\$24,027
29-2056	Veterinary Technologists and Technicians	1,280	1,650	370	28.9%	Associate degree	\$27,233

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30 Fastest Growing Occupations (With at least 500 Jobs)

Notes:

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(2) **Typical Education and Training Path** gives a general indication of the education or training typically needed in a given occupation.

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Moderate-Term On-the-Job Training: Training for these occupations usually occurs at the workplace and lasts from one to twelve months.

Postsecondary Vocational Training: These formal training programs last from a few weeks to more than a year, and are offered at vocational or technical schools.

Associate Degree: This degree requires two years of full-time academic work beyond high school.

Bachelor's Degree: This degree requires four or five years of full-time academic work at a college or university.

Master's Degree: This degree requires one to two years of full-time study beyond a bachelor's degree.

Doctoral Degree: This degree usually requires at least three years of full-time study beyond a bachelor's degree.

Bachelor's or higher degree, plus work experience: These occupations require a bachelor's or higher degree, in addition to work experience in a related non-managerial position.

(3) **Average Annual Salary:** An occupation's average hourly wage is calculated by summing the wages of all employees in a given occupation and then dividing by the total number of employees in that occupation. In most cases, the annual average salary is equal to the average hourly wage multiplied by 2,080.

(4) Depending upon the specific position and employer either an Associate or Bachelor's degree are most common.

Projections information is derived using the November 2004 OES Survey, 2004 QCEW and 2004 CES (3/2005 Benchmark) data.

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		2004	2014	New Jobs	% Change		
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41-2031	Retail Salespersons	82,030	93,140	11,110	13.5%	Short-term on-the-job training	\$23,330
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	56,740	66,250	9,510	16.8%	Short-term on-the-job training	\$21,871
43-4051	Customer Service Representatives	46,010	54,790	8,780	19.1%	Moderate-term on-the-job training	\$30,262
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	52,980	61,340	8,360	15.8%	Short-term on-the-job training	\$15,583
39-9021	Personal and Home Care Aides	21,260	29,460	8,200	38.6%	Short-term on-the-job training	\$19,200
31-1011	Home Health Aides	13,730	20,790	7,060	51.4%	Short-term on-the-job training	\$20,162
53-3032	Truck Drivers, Heavy and Tractor-Trailer	53,490	60,470	6,980	13.0%	Moderate-term on-the-job training	\$36,797
35-3031	Waiters and Waitresses	46,470	53,390	6,920	14.9%	Short-term on-the-job training	\$15,775
31-1012	Nursing Aides, Orderlies, and Attendants	38,630	45,320	6,690	17.3%	Postsecondary vocational training	\$23,624
47-2031	Carpenters	33,580	39,620	6,040	18.0%	Long-term on-the-job training	\$38,602
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25-9041	Teacher Assistants	26,770	30,980	4,210	15.7%	Associate degree	\$23,638
13-2011	Accountants and Auditors	22,690	26,830	4,140	18.2%	Bachelor's degree	\$57,547
11-1021	General and Operations Managers	28,280	32,330	4,050	14.3%	Bachelor's or higher degree + work experience	\$95,592
25-2021	Elementary School Teachers, Except Special Education	31,520	35,550	4,030	12.8%	Bachelor's degree	\$45,031
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39-9011	Child Care Workers	21,840	25,310	3,470	15.9%	Short-term on-the-job training	\$18,585
53-3033	Truck Drivers, Light or Delivery Services	24,350	27,790	3,440	14.1%	Short-term on-the-job training	\$24,765
37-3011	Landscaping and Groundskeeping Workers	20,310	23,610	3,300	16.2%	Short-term on-the-job training	\$22,931
49-9042	Maintenance and Repair Workers, General	26,860	29,960	3,100	11.5%	Long-term on-the-job training	\$34,576
43-9061	Office Clerks, General	48,170	51,250	3,080	6.4%	Short-term on-the-job training	\$23,663
15-1051	Computer Systems Analysts	11,280	14,110	2,830	25.1%	Bachelor's degree	\$62,910
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	53,510	56,330	2,820	5.3%	Short-term on-the-job training	\$23,693
35-2021	Food Preparation Workers	15,700	18,480	2,780	17.7%	Short-term on-the-job training	\$18,058
31-9092	Medical Assistants	5,890	8,640	2,750	46.7%	Moderate-term on-the-job training	\$27,441

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